

remaining 15 percent of customers are assumed to be located along streets and paths and are served by "road cables." The size of the "clustered" area is determined by multiplying the number of customers by three acres, again, the area that is estimated for each customer.

The Model determines the distribution facilities necessary to serve each CBG based on the size of the clusters and road cables predicted by the Model.

## **EXHIBIT 3**

REDACTED – CONFIDENTIAL TREATMENT REQUESTED UNDER 47 C.F.R. § 0.459

## EXHIBIT 4

The following is a selection of currently available commercial mapping software and services that can be used to identify customer locations:

Dynamap/2000 (Enhanced Census street data)  
Address Geo-coding (Service)  
Geographic Data Technology  
11 Lafayette Street  
Lebanon, NH 03766-1445  
(800) 331-7881

Arc/Info (Mapping software)  
Atlas GIS (Mapping software)  
ArcData (Various geographic data)  
U.S. Street Database (Data, based on GDT files)  
Environmental Systems Research Institute, Inc.  
380 New York Street  
Redlands, CA 92373-8100  
(800) 374-3774 (also for Claritas, Inc.)  
(909) 793-2853

Street Network 5.0 (Enhanced Census street data)  
Business Location Research, Inc.  
(800) 316-2572

EtakMap Premium (Enhanced Census street data)  
Etak, Inc.  
(800) 765-0555

Streetware (Enhanced Census street data)  
Urban Science  
(800) 633-9568

MetroScan (Parcel map software and data, including lot size, square footage and other public data from county assessor and other agencies)  
Transamerica Information Management Services  
1860 Howe Avenue, Suite 455  
Sacramento, CA 95825  
(800) 825-7226

## **CERTIFICATE OF SERVICE**

I hereby certify that on this 2<sup>nd</sup> day of September, 1997, I caused copies of the foregoing COMMENTS OF GTE SERVICE CORPORATION to be served on:

### **VIA HAND DELIVERY**

The Honorable Rachelle B. Chong,  
Commissioner  
Federal Communications Commission  
1919 M Street, N.W., Room 844  
Washington, D.C. 20554

The Honorable Susan Ness,  
Commissioner  
Federal Communications Commission  
1919 M Street, N.W., Room 832  
Washington, D.C. 20554

The Honorable James H. Quello,  
Commissioner  
Federal Communications Commission  
1919 M Street, N.W., Room 802  
Washington, D.C. 20554

Tom Boasberg  
Office of the Chairman  
Federal Communications Commission  
1919 M Street, N.W., Room 814  
Washington, D.C. 20554

James Casserly  
Office of Commissioner Ness  
Federal Communications Commission  
1919 M Street, N.W., Room 832  
Washington, D.C. 20554

Kathleen Franco  
Office of Commissioner Chong  
Federal Communications Commission  
1919 M Street, N.W., Room 844  
Washington, D.C. 20554

Paul Gallant  
Office of Commissioner Quello  
Federal Communications Commission  
1919 M Street, N.W., Room 802  
Washington, D.C. 20554

Emily Hoffnar, Federal Staff Chair  
Accounting and Audits Division  
Universal Service Branch  
Federal Communications Commission  
2100 M Street, N.W., Room 8617  
Washington, D.C. 20554

Timothy Peterson, Deputy Division Chief  
Accounting and Audits Division  
Federal Communications Commission  
2100 M Street, N.W., Room 8613  
Washington, D.C. 20554

International Transcription Service (ITS)  
1231 20<sup>th</sup> Street, N.W.  
Washington, D.C. 20036

Sheryl Todd (8 copies & diskette)  
Accounting and Audits Division  
Universal Service Branch  
Federal Communications Commission  
2100 M Street, N.W., Room 8611  
Washington, D.C. 20554

### **VIA FIRST CLASS MAIL**

The Honorable Julia Johnson, State Chair,  
Chairman  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Gerald Gunter Building  
Tallahassee, FL 32399-0850

The Honorable David Baker,  
Commissioner  
Georgia Public Service Commission  
244 Washington Street, S.W.  
Atlanta, GA 30334-5701

Philip F. McClelland  
Pennsylvania Office of Consumer Advocate  
1425 Strawberry Square  
Harrisburg, PA 17120

The Honorable Sharon L. Nelson, Chairman  
Washington Utilities and Transportation  
Commission  
1300 South Evergreen Park Dr. S.W.  
P.O. Box 47250  
Olympia, WA 98504-7250

The Honorable Laska Schoenfelder,  
Commissioner  
South Dakota Public Utilities Commission  
State Capitol, 500 E. Capitol Street  
Pierre, SD 57501-5070

Martha S. Hogerty  
Public Counsel for the State of Missouri  
301 West High Street, Suite 250  
P.O. Box 7800  
Jefferson City, MO 65102

Charles Bolle  
South Dakota Public Utilities Commission  
State Capitol, 500 E. Capitol Street  
Pierre, SD 57501-5070

Deone Bruning  
Nebraska Public Service Commission  
300 The Atrium  
1200 N Street, P.O. Box 94927  
Lincoln, NE 68509-4927

Rowland Curry  
Texas Public Utility Commission  
1701 North Congress Avenue  
P.O. Box 13326  
Austin, TX 78701

Bridget Duff, State Staff Chair  
Florida Public Service Commission  
2540 Shumard Oak Boulevard  
Tallahassee, FL 32399-0866

Sandra Makeeff  
Iowa Utilities Board  
Lucas State Office Building  
Des Moines, IA 50319

Lori Kenyon  
Alaska Public Utilities Commission  
1016 West Sixth Avenue, Suite 400  
Anchorage, AK 99501

Debra M. Kriete  
Pennsylvania Public Utilities Commission  
Commonwealth and North Avenues  
North Office Building, Room 110  
P.O. Box 3265  
Harrisburg, PA 17105-3265

Thor Nelson  
Colorado Office of Consumer Counsel  
1580 Logan Street, Suite 610  
Denver, CO 80203

Barry Payne  
Indiana Office of the Consumer Counsel  
100 North Senate Avenue, Room N501  
Indianapolis, IN 46204-2208

James Bradford Ramsay  
National Association of Regulatory Utility  
Commissioners  
1100 Pennsylvania Avenue, N.W.  
P.O. Box 684  
Washington, D.C. 20044-0684

Brian Roberts  
California Public Utilities Commission  
505 Van Ness Avenue  
San Francisco, CA 94102

Keven Schwenzfeier  
NYS Department of Public Service  
3 Empire State Plaza  
Albany, NY 12223

Tiane Sommer  
Georgia Public Service Commission  
244 Washington Street, S.W.  
Atlanta, GA 30334-5701

  
Daphne A. Johnson